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Name: .....

DARUL HUDA EXAMINATION BOARD
ANNUAL EXAMINATION - FEBRUARY 2025
SECONDARY FIRST YEAR (I)

Time: 2 hr(s) **MATHEMATICS** **Marks: 70**

MATCH THE FOLLOWING **6*1=6**

1. $\frac{1}{100}$	$1\frac{3}{4}$
2. $\frac{1}{10}$	8
3. $\frac{7}{4}$	1
4. $\frac{8}{8}$	1.1
5. $\frac{8}{1}$	0.01
6. 0.9+0.2	0.1

ANSWER THE FOLLOWING. Any seven **7*4=28**

7. Convert into fractions and decimals
   a) 0.6 b) 2.5 c) $\frac{6}{5}$ d) $\frac{3}{4}$
8. Compare
   a) 0.5 ___ 0.05 b) 1.5 ___ 1.50 c) 1.43 ___ 1.6 d) 5.64 ____ 5.603
9. Write as fraction in simplest form
   a) 0.04 b) 1.5
10. Write in place value table
    a) 34.6 b) 0.25 c) 125.48 d) 5.63
11. Add
    a) 9.262 + 4.06 + 0.05 b) 5.052 + 4.9 + 25.65
12. Find the areas of squares whose sides are
    a) 10 cm b) 14 cm
13. Draw a line segment of length 10 cm and construct its perpendicular bisector
14. Draw an angle of measure 80° C and find its line of symmetry

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15. A floor is 5 m long and 4 m wide. Square carpet of sides 3 m is laid on the floor. Find the area of floor that is not carpeted
16. The area of a rectangular garden 50 m long is 300 square meters. Find the width of the garden?
17. The perimeter of a regular pentagon is 100 cm. find its each side
18. Find the perimeter of rectangle whose length is 150 cm and breadth is 1 m
19. Compare the following

a) $\frac{7}{10}$ ..... $\frac{4}{20}$ b) $\frac{2}{3}$ ..... $\frac{3}{4}$

ANSWER THE FOLLOWING. Any six **6*6=36**

20. Hanoon runs around a square field of side 75 m and Hanan runs around a rectangular field with 100-meter length and 50 m width. Who covers more distance?
21. Show in number line

a) 0.2 b) 2.5 c) $\frac{3}{5}$ d) $\frac{9}{5}$

22. Subtract

a) 4.28 - 2.134 b) 8.052 - 4.456 c) 14.706 - 0.701

23. The length and breadth of 3 rectangles are given below. Which one has the largest area?

a) 9 m and 6 m b) 17 m and 3 m c) 14 m and 4 m.

24. What is cost of tiling a rectangular plot of land 500 m long and 200 m wide at the rate of 15 per 100 square meters?
25. Draw angles using *compass and ruler*

a) 60^0 b) 45^0

26. Draw circles

a) with radius 3.2 cm b) with diameter 8 cm

27. Solve

a) x+4=15 b) y-10=20 c) a+5=9

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28. Add

a) $\frac{5}{14} + \frac{9}{14}$ b) $\frac{3}{8} + \frac{4}{6}$ c) $3\frac{2}{3} + 2\frac{3}{4}$

29. Subtract

a) $\frac{12}{15} - \frac{7}{15}$ b) $\frac{10}{15} - \frac{2}{10}$ c) $4\frac{3}{5} - 2\frac{6}{8}$

30. Convert into improper fraction and mixed fraction

a) $5\frac{3}{7}$ b) $8\frac{1}{8}$ c) $\frac{21}{5}$ d) $\frac{11}{3}$

31. Ahmed read 35 pages of book containing 100 pages. Asjad read $\frac{2}{5}$ of the same book. Who read more?